

**Most Machine  
For Your Money . . .**

**ROTO-**  
*GARDEN* **TOOLS**  
**HOE**

*America's  
Most Usable  
Garden Tools*

Manufactured by

ROTO-HOE & SPRAYER CO., NEWBURY, OHIO



## FOREWORD:

During World War II, our government, in an effort to supplement food supplies, started the "victory garden" movement. Plots were planted in every available area, large or small, and the public soon learned how much could be grown in a small space. Without question, the "victory garden" was a huge success and contributed much to World War II. Most of these gardens, however, entailed much hard work in the use of hand tools. Consequently, at the close of the war, many of the home gardens were given up and people went back to the stores to buy from commercial growers. However, many more people realized how much relaxation they had enjoyed out of watching something grow which they themselves had planted, and they turned to power equipment.

With the development and perfection of power tools, the trend has been for people to move into suburban areas and into the country, and let the power equipment do the hard work for them, which has resulted in the planting of actually more gardens than during World War II.

Way back in 1936, our ROTO-HOE was started and many pilot models were built. In 1947, when materials became more available, we developed the ROTO-HOE and the rotary cutter, which were inter-changeable. ROTO-HOE, which is essentially a "tiller-on-the-front, wheels-in-back"

cultivator, was from the very start a "natural"—a "natural" for cultivating in close places, and a "natural" tool for which to develop new attachments, without sacrifice in functional design, and without the addition of any weight to the machine.

With these years of "lead" time to develop the kind of power equipment so many people wanted, we have been very busy doing just that. When within the past year or two, the general industry viewed our success, many manufacturers decided to build similar equipment, which has been a real compliment to ROTO-HOE and a definite endorsement of the machine which we developed.

The ROTO-HOE and Sprayer Company is proud of its fine record in having been able to maintain the 1947 price through all these years, absorbing many increased costs which have been passed on to us. We have built tens of thousands of ROTO-HOES, and the various attachments, and feel that we are the leader in the development of new attachments, and in offering so much to the public at so little cost.

With these thoughts in mind, we would like to present this booklet which describes ROTO-HOE and all the various attachments which go to make a complete unit with just a few moments' changing time.

# ROTO-HOE

*America's Most Usable Garden Tool*

## Makes Gardening FUN at minimum cost!

This truly multi-purpose garden tool has found enthusiastic favor among thousands of America's home gardeners, estate owners, farmers, greenhouse and nurserymen, for many reasons. Here are a few:

1. Simplest application of power to cultivation ever devised, and yet easy to operate.
2. Low initial cost, low maintenance cost. Parts, if needed, are inexpensive.
3. No levers or throttle control needed.
4. Easy starting, powerful and efficient 2 h.p. Lauson, highest possible quality automotive type gasoline engine.
5. No hurrying around at end of rows. Taking rotor out of ground stops forward motion instantly.
6. Easy control of depth and speed of cultivation, by simple pressure on handles while relaxed.
7. Does a thorough cultivating and aerating job, even in heavy clay soil.
8. 11" cultivation width makes "Between row" operation easy.

### ROTO-HOE'S Customer-Proven Basic Principle

All the power is applied to the hexagonal roto shaft, which has 12 or 15 rugged, hook-pointed or weed type (optional) teeth, evenly spaced around it. The entire weight is distributed on the two rubber-tired rear wheels, and the roto teeth. A simple clutch mechanism can start or stop the rotor at operator's will. To cultivate, the operator simply lowers the rotor into the ground; the rotor, revolving at over 300 r.p.m. forms



ROTO-HOE working-in cornstalks, previously mulched with ROTO-CUTTER

the motivating power as the teeth dig into the ground, pulling the unit forward. The operator simply guides the unit, easily controlling the depth of cultivation by slight pressure on handles, and by slightly holding back. For depths greater than 6", ROTO-HOE can be pulled backward.

Thousands of customers will testify to the fingertip control of cultivator and engine power which they experience with ROTO-HOE. They like its marvelous maneuverability which makes it so easy to cultivate close up and in tight spaces; and the quick, easy way they can lighten the load and maintain engine speed—a feature which gets such excellent results from the 2 h.p. engine. You should practically never stall the engine from over-loading.

## Tillage with ROTO-HOE

In fairness to our product and to our potential customers, we do not believe in claiming that ROTO-HOE is ideal for tilling large areas or large gardens. It was not originally intended to operate through heavy sod or turf, and to recommend it for those jobs would have been overselling. As this booklet goes to press, however, we have a new optional tooth design which will, we feel sure, make our machine much more practical than ever before for preparing large gardens with ROTO-HOE, although our machine was originally designed for the smaller plot which would not justify the expense of large equipment.

By going over the ground twice, ROTO-HOE will till average soil to about five inches deep; a third time over will till to five and one-half to six inches deep. If it is desired to till a portion of the plot to seven or eight inches deep, this may be done by holding up on the handles and walking backward.

## Excellent for Cultivation

The purpose of cultivation is, of course, to stop weed growth and to aerate the soil and break up capillary action, so that moisture is retained



in the soil to aid the growing crop or plant. ROTO-HOE's fifteen specially hardened teeth, rotating at over 300 r.p.m. do an excellent job of cultivation.

The teeth are so designed and arranged that they break up even the heavier clay soils, fine enough for optimum cultivation. Yet they do not leave the soil so fine that a rain will pack it hard and then the sun bake it solid. Many users are most agreeably surprised at the friable condition of their clay soils after using ROTO-HOE during the growing season.

## Ideal for Home Gardens

In the small and medium sized plots found on most homes, ROTO-HOE has proven especially valuable, because it tills and cultivates in all the corners, close up to fences, walls and other objects. It cultivates close to plants or crops and between the rows, and really saves tiresome hand hoeing. ROTO-HOE saves many hours of hard work for home gardeners each season. Because of its moderate weight, it can be easily loaded into car trunk or trailer.

## Estates Find ROTO-HOE Valuable

It's easy to wheel ROTO-HOE across driveways, walks or lawns to reach widely separated flowerbeds or borders that need tilling or cultivating. Many estate owners find it extremely useful because of its easy portability and the wide variety of attachments which permit mowing, spraying, edging, and trimming, with quick changes.

## Greenhouses—Florists—Nurserymen

ROTO-HOE will till your beds, mix fertilizer, or mill up a compost pile. By alternately placing manure and dirt together, ROTO-HOE will mix these together, or will incorporate it if on top of a bed. One man can easily lift ROTO-HOE on to any bed or bench, or into the trunk of a car. Sterilizing time is often reduced to one-third over hand methods in working of beds.

ROTO-HOE, the very same machine, is just the tool for cultivation outdoors. Also, by placing one or more chalk marks on tire, and pulling machine backwards (this is done by raising handles and allowing rotor to dig 8" to 12" deep, digging a hole) one can make several equal spaced holes per minute for replanting in the nursery.

ROTO-HOE can be used by all landscape men for planting work to real advantage.

Many of America's leading nurserymen find  
ROTO-HOE ideal to operate between rows.

## SPECIFICATIONS of ROTO-HOE

### Motor

Lauson 4-cycle, 2 h.p.—3600 r.p.m., fully equipped with oil bath air cleaner, automotive type carburetor, rope starter. Oil pump. Two ball bearings on crankshaft.

### Controls

Flyball governor on engine controls engine speed. Speed can be readily changed by simple adjustment on outside of engine. Cultivator is easily controlled by raising or lowering handles—raising handles to go forward, lowering to stop. Most people learn to operate the ROTO-HOE in 5 minutes or less. It's fun to learn.

### Chassis

All-steel construction mounted on two zero-pressure 10 x 1.75 flat top rubber-tired wheels. Overall width 16".

### Rotor

11½" tine circle, 15 new stronger teeth, (12 optional for heavy soils, lawn tilling, etc.), self-sharpening and hardfaced for longer wear; width of rotor 10"; with weed clips 11½". Tillage or cultivating depth 0" to 6".

### Drive

V-belt to chain to rotor.

### Clutch

For those people who prefer to start motor without holding down on handles (to remove rotors from ground) we have just introduced a new "Easy Clutch" which can be operated from standing position.

# Leading Poultrymen Use ROTO-HOE to Stir Litter

Although designed, built and perfected as a garden tool, ROTO-HOE has proven ideal for stirring litter in poultry houses. A vast amount of time and expense is saved in aerating and loosening the litter periodically—especially during the winter months.

The tremendous success of ROTO-HOE as a cultivator enables us to offer it at the same low price for this litter-stirring work. Many poultrymen use it without any change whatever, but to prevent damaging floors in shallow litter, ROTO-HOE has designed a center disc which is easily bolted on in place of the center tooth.

An extra feature of this machine for litter stirring is that it can be used equally well for so many other jobs around the farm and home—it gives much greater usefulness—a better return on your investment. Remember, any attachment shown can be used when a gasoline-powered ROTO-HOE litter stirrer is purchased.

### THESE SPECIAL ACCESSORIES

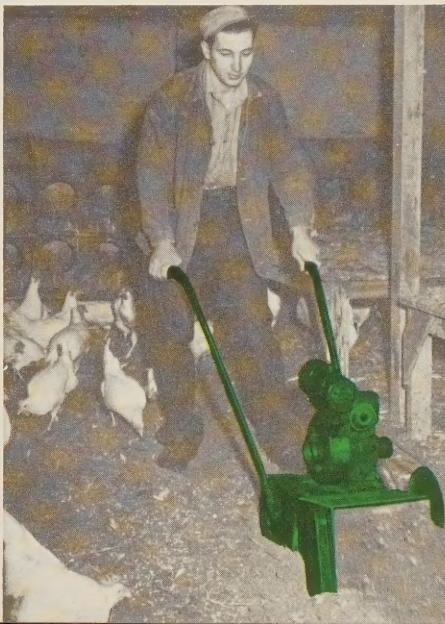
Available for use in stirring litter:

Hood—Easily attached to cover part of front of rotors and keep litter out of the watering and feed troughs.....\$2.25

Weed Clips—These easily bolt on rotor tines to add to the forward pull in light litter. (12 are recommended.) Cost each..... .20

Maxim Silencer Muffler—can be used to quiet exhaust noise ..... 6.00

Two-piece center disc..... 2.75



# The 20-inch ROTO-CUTTER OFFERS YOU ALL THERE IS IN ROTARY CUTTERS . . .

The ROTO-HOE Company has built thousands of rotary cutters in the past several years, sold to operate in most all conditions of the country. First we would like to point out that, in our opinion, in order to perform the many operations required of this type of cutter, a 2 h.p. engine is necessary. In the push-type cutter, the main advantage is that the cutter is fed into the growth as fast as the person cares to walk on the lawn, or as fast as the engine will allow the cutter to cut

heavier growth. A push-type cutter, with proper wheel diameter and weight, can be an easily operated machine under most conditions.

Low hoods that keep the grass contained before discharging, usually require more h.p. to do the same amount of cutting. Smaller wheels that allow a more compact unit will push harder, especially on wet lawns. We do not believe in too small wheels, or selling an under-powered cutter; nor do we recommend anything smaller than a 20-inch cutter for the average lawn.

ROTO-CUTTER for '54 is completely redesigned. By retaining the knowledge from our past experience, we believe we have made it possible for the ROTO-HOE owner, for a very small investment, to have the finest rotary cutter made. Some of the outstanding features in this new cutter attachment are as follows:

1. ROTO-CUTTER's exclusive clamp action height adjustment (patent applied for) allows changing of height in 10 to 15 seconds with one simple end wrench.
2. Our rotary cutter is of the trimming type; cuts within  $\frac{3}{4}$ " of side.
3. Arched design blade requires less power.
4. Timken bearing spindle for long life.
5. New easily adjusted fenders; by simply adjusting wing nuts, fenders that guard blade can be adjusted for lawn cutting or heavy weed cutting, depending on purchaser's use.
6. New side discharge chute allows better distribution of cuttings.
7. New suction type blades create better suction.
8. Leaf mulching attachment available for cutter.
9. New, stronger, more durable hood.

These many advantages combine to give the ROTO-HOE owner one of the finest rotary cutters in America, and at a surprisingly low price.

Sold as a complete unit, or as an attachment.



# The 12- & 16-inch ROTO-CUTTERS

ROTO-HOE offers the 12- and 16-inch cutters, which are in reality special purpose machines. The 12-inch rotary cutter is ideal for trimming around the home, estate, or cemeteries. This unit will also cut any standing growth which may be left in the home garden, and will leave such growth in a mulched condition. The 12-inch cutter has become a favorite with many small nurserymen for cutting tall weeds which have gotten out of hand during the rainy season.

The cutter is also supplied in exactly the same specifications in the 16-inch diameter which is suitable for smaller lawns and also for trimming. The cutter allows one to cut within  $\frac{5}{8}$ " of the side of the guard, which is easily adjusted for fine lawn work or high weed work, whichever is desired. These cutters have eight inch wheels for easy rolling. Timken bearing equipped spindle and our exclusive quick-cutting height adjustment. The units may be purchased at surprisingly low prices and are quality built throughout.

## ROTO-CUTTER Specifications

### Engine

Lauson 4-cycle, completely equipped. 2 h.p. reserve power. (Does not need oil added to the gasoline.)

### Wheels

Two rear  $10 \times 1.75$  flat top. Two front  $8 \times 1\frac{1}{4}$ . All rubber tires, semi-pneumatic. Ball bearing. The larger diameter of these wheels results in easy rolling.

### Chassis

All steel construction—Timken Bearings— $8" \times 1\frac{1}{4}"$  Ball Bearing Wheels—Outside width  $20"$  cutter— $21\frac{1}{2}"$ ; 16" model— $17\frac{1}{4}"$ ; 12" model— $13\frac{1}{4}"$ .

### Height Adjustment

ROTO-HOE exclusive clamp action makes adjustment quick and easy.

(All specifications are subject to change by manufacturer without notice.)

**UPPER PHOTO:** The 16" ROTO-CUTTER is shown cutting cornstalks into a fine mulch which can be easily incorporated with the soil by going over it later with the ROTO-HOE. This is valuable in helping restore organic material to the soil.

**LOWER PHOTO:** Trimming up close to trees, shrubs, walls, or fences is easy with the ROTO-CUTTER, here shown in use next to a young apple tree.



# ROTO-HOE's INTEGRAL DESIGN\* GIVES Complete Interchangeability

From the start our idea was to design ROTO-HOE and all attachments so that the one basic power unit could be used for all. It's easy to see what generous

savings this makes for the purchaser. Why not make your own comparison by using the chart below:



ROTO-HOE Complete (power unit and ROTO-HOE attachment) .....  
Rotary Lawn Mower .....  
Edger .....  
Rotary Snow Blower .....  
Sprayer .....  
Cordwood Saw .....  
Water Pump .....  
Sprayer-Compressor .....  
Electric Generator .....  
Totals

Other complete units	ROTO-HOE or ATTACHMENT*
.....	\$134.
.....	\$24. to 40.
.....	\$34.50
.....	\$38.00
.....	\$77.00
.....	\$42.50
.....	\$26.90
.....	\$55.75
.....	\$153.50

Difference—substantial saving

By supplying your own figures in the first column, you will find the total cost will be considerably more than the total of ROTO-HOE and attachments.

You may say, "Yes, but in the first case, you get more separate machines." True, but why pay several hundred dollars more when with a few minutes work you can change from one attachment to another—and get performance equal to the best and better than many—with ROTO-HOE attachments? Plus a great saving in space around the garage or tool house as all ROTO-HOE attachments can be suspended from wall, out of the way.

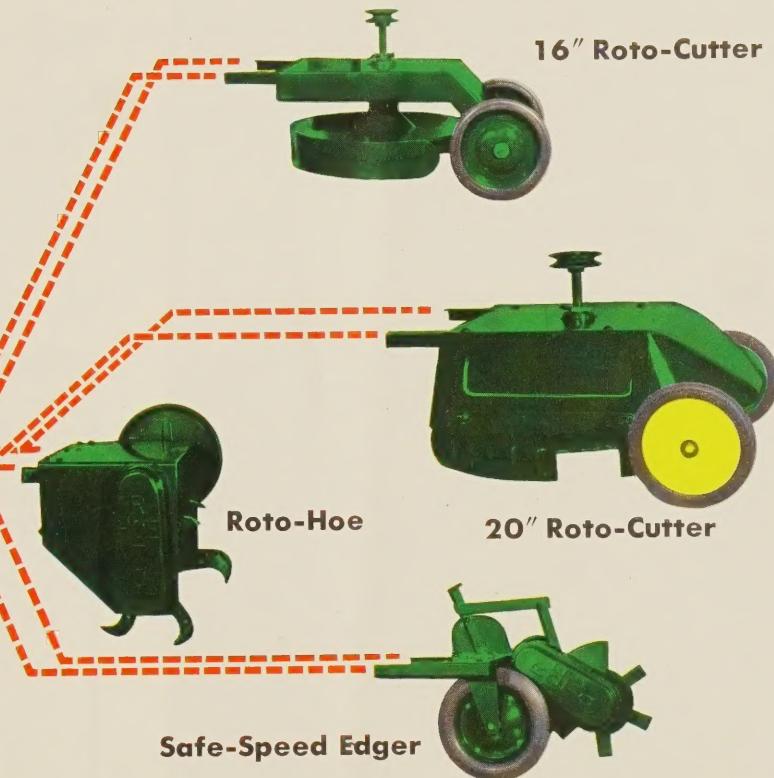
\*Prices subject to change without notice.

# ALL ATTACHMENTS QUICKLY MADE IN THE SAME EASY WAY

The illustrations on this page show the interchangeability of attachments, all using the basic ROTO-HOE power unit. And, remember, you can buy any combination of these that you want, and add others whenever you wish.



Basic  
Power Unit



Also Attaching in the same manner:  
Roto-Zephyr Sprayer  
Roto-Sno Blower  
12" Roto-Cutter  
Roto-Buzz Saw

# The SAFE-SPEED EDGER...

This attachment was designed and built to edge sidewalks, driveways, flowerbeds, or around base of trees. A narrow trench is sliced and cut next to the drive, walk or wherever the edge is desired. Six sharp knives revolve at the proper speed for best cutting and yet are not liable to throw hard objects such as stones and sticks with great force such as could be done with higher speed edgers.

While not designed for this purpose we have found that the ample power of the Lauson engine permits this edger to be



used as a tillage unit in small flower beds, borders and gardens. By simply moving the handles back and forth and moving the edger slowly backward, the SAFE-SPEED EDGER will till even the hardest packed earth. It has done so to the complete surprise of its most skeptical critics.

Here again is an attachment that can be added to do a number of additional jobs—and at only a fraction of the cost of other comparable equipment.



## EDGER SPECIFICATIONS

### ROTOR SPEED

Adjustable from 600 to 900 revolutions per minute by changing governor speed on engine.

### CUTTING DEPTH

Adjusts from 0" to 2 $\frac{3}{4}$ " by simple lever arrangement—takes only seconds.

### DRIVE

Engine runs edger through V-belt to roller chain final drive; No. 40 roller chain fully inclosed running in lubricant. Motive power furnished by operator—pushes easily, controls speed at will. In edging sidewalks edger pulls self along under most conditions. This tool is easy to operate.

### POWER UNIT

The same standard 2 h.p. Lauson gasoline motor as on ROTO-HOE basic unit.

# The ROTO-SNO BLOWER... makes Snow Removal Easy

Experimenting with various snows for three winters plus plenty of careful research into what the public wanted in snow removal equipment have resulted in this improved ROTO-SNO BLOWER. It was designed to do an efficient and effective job without the added expense of gears, special drive chains, and loads of extra weight needed for traction by pusher-type snow equipment.

Our idea was to get the snow into the blower in the shortest possible path and then to throw it out to either side, far enough away so that the same snow doesn't have to be handled four or five times. The deflector plates are adjustable, not only from one side to the other, but to control the height to which the snow is thrown. This avoids most of the "snow in the face" that sometimes results. Also wind conditions can be allowed for, so that snow is not thrown into the wind to blow back on the operator.

Our claim that ROTO-SNO BLOWER "saves 75% of the work in snow removal" is quite conservative. Every fair minded user is pleased and surprised at the excellent job it does so easily.

These two views show what a clean path ROTO-SNO BLOWER clears even in deep snow. Easily adjusts to throw snow out other side.



# The ROTO-ZEPHYR SPRAYER...

Here, at last, is a high-quality sprayer for the home owner, farmer, estate owner, or greenhouse operator who does not have sufficient quantity of spraying to purchase a large spray rig. And this sprayer comes as an attachment to ROTO-HOE, making its cost so modest that you'll hardly believe it's possible. Yet it is of highest quality throughout, built for us by one of America's leading manufacturers; the phosphor bronze pump delivers upward of 150 lbs. pressure at the gun at 2 gallons per minute.

This sprayer is ideal for insecticide, fungicide, and fertilizer spraying, as well as whitewashing and fire-fighting. As with all ROTO-HOE attachments, this sprayer may be purchased as a complete unit, or as an attachment to the basic ROTO-HOE unit. Either way it represents one of America's best values in a power sprayer for average uses. (Not for paint spraying.) The pump assembly used in the ROTO-ZEPHYR SPRAYER is manufactured by one of America's largest spray pump manufacturers specially for this work. By the purchase of this sprayer you can save about 50% of the cost of a complete sprayer, yet get the same high quality.



## ROTO-ZEPHYR SPRAYER SPECIFICATIONS

### TANK

Five gallon capacity, bonderized and painted with high grade enamel. Cover controls splashing.

### PUMP

Piston type high grade phosphor bronze pump complete with screen and relief valve.

### SPRAY GUN

New modern design, light weight, easy to adjust from stream to cone, foolproof.

### CARRIAGE

Standard ROTO-HOE 2 h.p. Lauson power unit. Sprayer easily attachable in a very few minutes.

### HOSE

15 feet of rubber hose standard equipment.

### ATTACHMENTS FOR SPRAYER

See price list of attachments and prices of items such as long gun extension, fertilizer root feeder, weed control boom.

The two pictures on this page show different uses of ROTO-ZEPHYR SPRAYER. At left a cone spray is used on fruit tree, while the view below shows a stream used for concentrated spray in small area.



# The ROTO-BUZZ SAW...

To increase the usefulness of ROTO-HOE, we have recently developed this saw attachment. It makes excellent use of the Lauson power unit, converts your ROTO-HOE into an efficient, speedy sawing unit. Ruggedly built steel frame results in nonbinding sawing. The porous bearing saw arbor carries a full 16" diameter cordwood saw blade, which will easily cut even hardest wood of 6" diameter. Tilting table makes control easy.

This attachment can be quickly and easily fastened to ROTO-HOE power unit—gives you a real power cordwood saw which will extend usefulness of your ROTO-HOE into late fall and winter months. And the cost again is a fraction of what you'd expect.

## ROTO-LEAF MULCHER

In a few minutes time this converts any 20" ROTO-CUTTER into an excellent leaf shredder and mulcher. With this you can forget the tedious lawn raking of past years. Simply run it over your lawn—it will gather all the leaves and finely shred them into tiny bits which will sift down through the grass and help to build up and enrich the soil and turf. Special blade is included which creates extra suction and chops finer, resulting in a better job. (Mulcher is shown on model ROTO-CUTTER previous to 1954; also available for new '54 model.)

### FRAME

Tubular and angle steels strongly welded at all joints. Tilting table returns by gravity, controlled by chain.

### SAW BLADE

16" diameter, high quality steel, has plenty of sharpness and set to saw toughest woods easily.

### ARBOR

Two porous bearings made for easy running, long life—with extra zerk filling in tube.

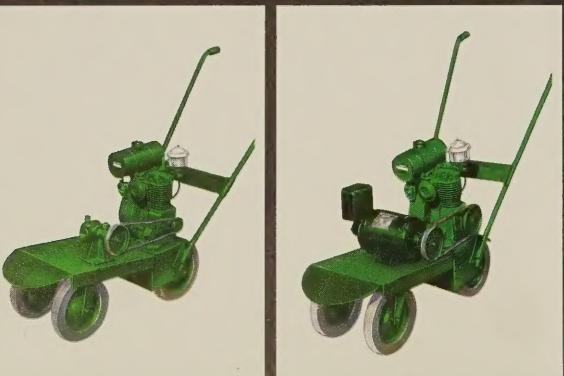
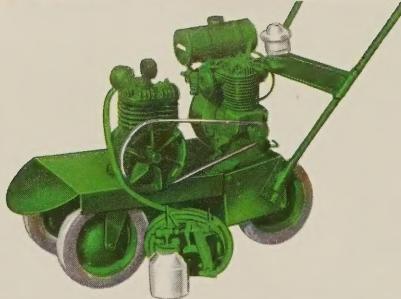
### CAPACITY

Cuts 6 inch diameter wood on single cut, will cut larger sizes by turning wood on table for a second cut.

### SAW GUARD

Supplied extra at \$2.50.





# TAKE POWER TOOLS TO THE JOB!

## PAINT SPRAYER-COMPRESSOR

This assembly mounted on the Adapta-Tool Cart (see below and at left) makes it easy to spray paint at almost any location, completely independent of electric outlets. Compressor operates at 45 lbs. pressure, plenty for efficient spray gun operation. May also be used for other liquid spraying, or to inflate tires and do other jobs where air pressure up to 125 lbs. is sufficient. Complete assembly includes compressor, V-belt, 15 ft. of rubber air hose and trigger action spray gun. Easily mounts on Adapta-Tool Cart in minutes. Relief valve supplied with compressor set at 45 lbs. If higher pressure is desired this valve would have to be changed.

## ADAPTA-TOOL CART

This inexpensive "platform on wheels" makes it easy to give complete portability to such tools as paint sprayer-compressor, liquid pump, electric generator, grinder, table saw, table sander, and other tools.

Adapta-Tool Cart consists of sturdy steel platform and frame mounted on two 10-inch diameter rubber tire wheels. It easily and quickly attaches to front of basic power unit and you can then mount on it most any power tool you want and wheel it right to the job. Thus, you can do work far from electrical outlets and still enjoy the speed and convenience of power tools. (Note the liquid pump and electric generator at left, below.)

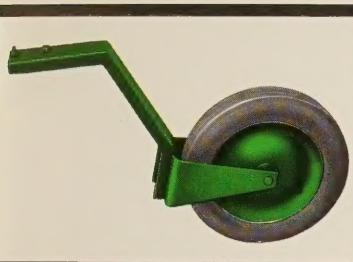
## PORTABLE LIQUID PUMP

This new Hypro Flex-Roller pump is the ideal answer to many farmers' and home gardeners' occasional need for a pump which can be easily and quickly moved 'most anywhere. Its construction is rugged, yet simple—and it is so designed that if a little sand or dirt should be drawn into it, this would not cause excessive wear or a complete breakdown, such as would occur with some other types of pumps. This pump will do an outstanding job in pumping from well, cistern, pond, stream—for draining and irrigating, or emergency fire fighting use. (Write for special sheet giving various capacities and prices.) Pump is shown mounted on the Adapta-Tool Cart (see above.)

## ELECTRIC GENERATOR

As an emergency outfit, or a means of operating electric tools or lights at a distance from regular electric line, this generator is an excellent investment. It produces 8 amps. at 110 volts and gives you efficient, dependable electricity almost anywhere you want it. (Shown mounted on Adapta-Tool Cart.)

Tools for this cart may be purchased from your ROTO-HOE dealer, or you can use your own. Adapta-Tool Cart (without tools) costs only \$11.50 to attach to basic power unit.



## NEW TOOTH DESIGN

ROTO-HOE has now perfected a new sharper tooth design for the heavy clay soils and if you have this hard-to-till type of soil, just order the Model 148-H Special ROTO-HOE. These teeth will fit any ROTO-HOE now in use. See at left how easily teeth are assembled. Phantom view of shaft shows hexagonal shape and easy fastening positive grip tooth holders.

## WHEEL ATTACHMENT

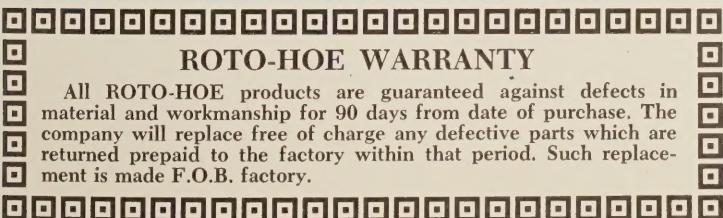
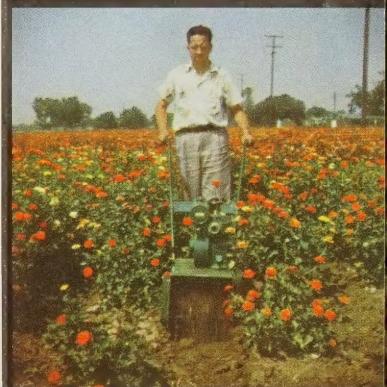
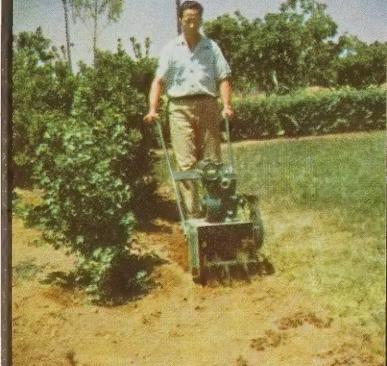
In extra light or sandy soils this adjustable depth wheel gives most satisfactory results from your ROTO-HOE, as it prevents digging in too deeply.

## LAWN AERATING DISCS

Experiments are now being carried on with a specially designed disc which will fit on the ROTO-HOE shaft to cut a thin slice in lawns. With several of these discs on the ROTO-HOE the home owner can go over his complete lawn making a series of fine, practically invisible slits 2" to 3" deep through the turf, which will allow air, water and fertilizers to penetrate to the grass roots more readily.

We believe that the results of these experiments will present good evidence that the use of these aerating discs is of great value in lawn care.

The ROTO-HOE & SPRAYER Company reserves the right to make changes in specifications and prices without notice.



### ROTO-HOE WARRANTY

All ROTO-HOE products are guaranteed against defects in material and workmanship for 90 days from date of purchase. The company will replace free of charge any defective parts which are returned prepaid to the factory within that period. Such replacement is made F.O.B. factory.

### 24 HOUR PARTS SERVICE

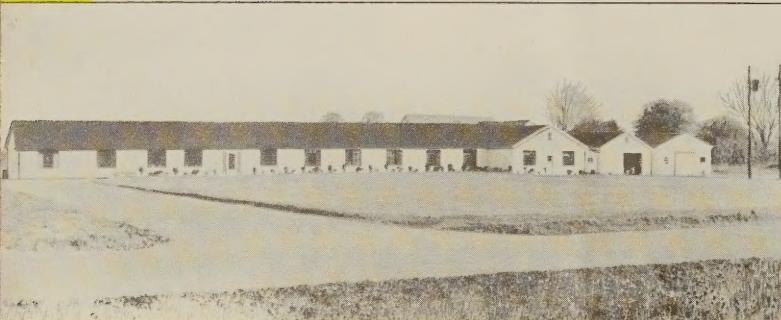
Most frequent complaint of garden equipment users is that when breakages occur (as they may at some time when a machine is used frequently), it so often takes weeks or months to get the repair part. To avoid this difficulty we have just built a special parts building where people will have the sole job of filling and shipping parts orders in 24 hours or less. We will allow no long delays in filling your order.

## ABOUT GASOLINE ENGINES

The ROTO-HOE and Sprayer Co. believes that by keeping manufacturing cost so low, all manufacturers of small engines have done a tremendous job in furthering the use of power equipment for farm and home. We have always used one particular manufacturer's engine on our equipment because we believe it to be best suited for our present product. New larger equipment now in the development stage will probably have optional equipment available.

The Lauson RSH series as used on ROTO-HOE is, in our opinion, the finest 2 h.p. engine built. It has

more horsepower per pound of weight than other standard 2 h.p. 4-cycle engines. The Lauson engines as used also have several outstanding and costlier features such as ball bearings on crankshafts, automotive type inserts in connecting rod, oil pump in base, mechanical flyball governor, separate fuel filter bowl, automotive type carburetor, and others. These features do cost more, but we believe they are at least partly responsible for our success, and they are the reason our machines are powered by Lauson, one of the older, more experienced engine manufacturers in America today.



ROTO-HOE's modern factory, coupled with new separate parts building now under construction (in rear), allows ROTO-HOE to build up to 200 complete units per day, plus many attachments. New separate parts building will allow same day shipments on parts in most instances. Top service, together with amazing low prices on parts, is ROTO-HOE's policy.

**ROTO-HOE & SPRAYER CO.**  
**NEWBURY, OHIO, U. S. A.**